Numicon Teaching Handbook 1 Online Resources - selection only to give as examples

|  | Strand | Activity Groups | Included in every activity <br> group: |
| :--- | :--- | :--- | :--- |
| 1 | P \& A 2 | Cover the board | Explore More pages <br> Explorer Progress pages <br> Relevant Assessment cards <br> Assessment tracker file - <br> excel |
| 2 |  | Dartboard |  |
| 3 |  | Guess which shape is in the bag |  |
| 4 |  | Which coins are in the purse? |  |

For example: Cal 5 Halves and quarters of wholes


Number, Pattern and Calculating Teaching Resource Handbook 1

## Photocopy

masters



| 3: Finding halves and quarters of squares |  |  |
| :--- | :--- | :--- |
| Intro | Links |  |
| Step I | Quit activity $\times$ |  |
| Remind children about 'measuring by eye' | Look and listen for those explaining how they |  |
| when cutting sandwiches into halves and | have tried to make two equal parts. Discuss |  |
| quarters to try to make the parts equal. Show | their ideas and agree on the simplest and most |  |
| children the paper squares and ask for | accurate method. Look and listen for any |  |
| suggestions for dividing or sharing them in half. | children who have folded the paper and ask |  |
| Discuss their suggestions, which may include | them to show how they have done it. Make |  |
| measuring, measuring by eye, folding or | sure all children realize that the opposite edges |  |
| drawing a line across the square. Give each | of the paper square have to be lined up |  |
| child a paper square and allow them time to try | carefully when folding. |  |
| out their ideas. |  |  |




| 3: Finding halves and quarters of squares |  |  |
| :--- | :--- | :--- |
| Intro | Links |  |
| Step 4 |  |  |
| Children can now cut their square into quarters, | After completing work on this activity, give |  |
| and then move the pieces to show one quarter. | children the opportunity to take home and |  |
| two quarters and three quarters. Ask 'How | complete Explore More Copymaster 26: Halving |  |
| many quarters go together to equal one half?' | Shapes. This will help children to explore the |  |
| Look and listen for children who have noticed | connections between doubling numbers $1-5$. |  |
| this equivalence and answer 'two'. Ask other |  |  |
| questions, such as 'How many halves go |  |  |
| together to equal one whole?' and 'How many |  |  |
| quarters go together to equal one whole?' |  |  |
| Look and listen for children who can describe |  |  |


| 3: Finding halves and quarters of squares |
| :--- | :--- |
| Intro |
| Paired or small group work |
| Have ready: different sized squares, rectangles |
| and equilateral triangles (no larger than A5, no |
| smaller than 5 cm squared), scissors, glue |
| Children choose two identical shapes of paper |
| and agree that one child will fold and cut their |
| shape into halves and the other will fold and |
| cut theirs into quarters. Each then sticks their |
| equal parts into their book showing the whole |
| shape again. Children compare their shapes |
| now divided into haleses and awarters and |

